



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 8554
(ELEVENTH REVISION)

DEC 8 2000

EXPIRATION DATE: September 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Orica USA Inc.
(Formerly: Energetic Solutions)
Englewood, Colorado

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in bulk of certain division 1.5D explosives, and/or Division 5.1 oxidizers in motor vehicles described in Paragraph 7. This exemption provides no relief from any regulation other than as specifically stated herein.
- b. The safety analyses performed in the development of this exemption only considered the hazards and risks associated with the transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101(8)(c) Table insofar as Division 1.5D explosives may not be transported in bulk packagings; and § 173.62, § 173.240, § 173.242, § 176.83, § 176.415 and § 177.848(d) Table insofar as Division 1.5D may not be transported in the same motor vehicle with Division 5.1 oxidizers.

5. BASIS: This exemption is based on the application of Energetic Solutions dated November 28, 2000 submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name..	Hazard Class/ Division	Identi- fication Number	Packing Group
Ammonium Nitrate-Fuel Oil Mixtures containing only prilled ammonium nitrate and fuel oil.	1.5D	NA0331	II
Ammonium Nitrate, with not more than 0.2 percent of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance.	5.1	UN1942	III
Explosive, Blasting, type B or Agent blasting, Type B	1.5D	UN0331	II
Explosive, blasting type E or Agent blasting, Type E	1.5D	UN0332	II
Oxidizing Substance, liquid, n.o.s	5.1	UN3139	II
Oxidizing Substance solid, n.o.s.	5.1	UN1479	III

NOTE: Products classified as Blasting explosives or oxidizing substance, liquid must be specifically identified to and acknowledged in writing by the Office of Hazardous Materials Exemptions and Approvals (OHMEA) prior to the first shipment.

7. PACKAGING AND SAFETY CONTROL MEASURES:

- a. Pick-up tank truck shown on drawing D-10052 (5/3/73) and described on Specification Sheet dated 7/19/73.
- b. Pump truck shown on drawing SW 80 MC 17 (2/29/80).
- c. Pump truck shown on drawing PRDL-5-3424 (8/1/79).
- d. Tank trailer shown on drawing UND 173801 M-1 (10/12/64), UND 173801 M-3 (10/16/64) UND 173801 M-4 (10/16/64), and A 670 E3161 (11/29/55).

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e. Specification DOT 406, 407 and 412 cargo tanks and DOT Specification MC 306, MC 307 and MC 312 cargo tanks. These tanks are not required to have internal self-closing shut-off valves as required by sections 178.341-5, 178.342-5 and 178.343-5.

f. Cargo tanks identified in E. I. Dupont's letter dated August 21, 1984 shown on drawings PRDL-5-3764, PRDL-5-3745, PRDL-5-3748 and PRDL-5-3749.

Other motor vehicles specifically identified to, and acknowledged in writing by, the OHMEA prior to the first shipment are also authorized.

8. SPECIAL PROVISIONS:

a. Each cargo tank used under this exemption is authorized only when it is used in dedicated service for the materials listed in paragraph 6.

b. Each cargo tank must be reinspected and retested in accordance with § 180.407. Pneumatic testing is authorized in place of the required hydrostatic test.

c. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

d. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

e. MARKING - Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 8554".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, cargo vessel.

10. MODAL REQUIREMENTS:

a. Only DOT specification cargo tanks described in paragraph 7.e. are authorized for shipment by cargo vessel.

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b. Shipment by highway is limited to transportation by private carriage only, or to common or contract carriers specifically identified to, and acknowledged in writing by the OHMEA prior to the first shipment.

c. For transportation of Division 1.5D and/or Division 5.1 in cargo tanks by cargo vessel, the following must apply:

(i) The cargo tank must be stowed "on deck" only.

(ii) They must be separated from other hazardous materials in accordance with the requirements for Division 1.1D explosives. In addition, they must be stowed "separate from" non-regulated readily combustible materials, as defined in § 176.83(d).

(iii) They must be stowed in a readily accessible location which can be reached by at least two streams of water from separate fire hydrants, or if carried on an unmanned barge, by an effective stream of water from a vessel alongside.

(iv) Before the cargo tanks are loaded on or discharged from a vessel at any point in the United States, the carrier must obtain a permit from the Coast Guard Captain of the Port. A current copy of this exemption must be provided to the Captain of the Port when requesting a permit.

d. A current copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

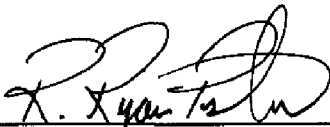
o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
for Acting Associate Administrator
for Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, SW, Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: sln

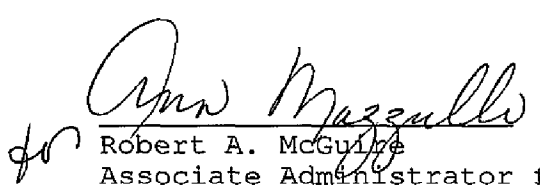
The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Alaska-Pacific Powder Company, Olympia, WA	Dec 4, 2000	Dec 8, 2000	Sep 30, 2002
Alpha Dyno Nobel, Inc. Lincoln, CA	Dec 26, 2000	Jan 25, 2001	Sep 30, 2002
American East Explosives, Inc. Greenfield, MO	Oct 16, 2000	Nov 3, 2000	Sep 30, 2002
American West Explosives, Inc. Plymouth, CA	Dec 8, 2000	Dec 21, 2000	Sep 30, 2002
Austin Powder Company Cleveland, OH	Oct 6, 2000	Nov 3, 2000	Sep 30, 2002
Bennett Explosives, Inc. Manchester, IA	Dec 26, 2000	Jan 4, 2001	Sep 30, 2002
Boren Explosive Company Parrish, AL	Sep 27, 2000	Oct 25, 2000	Sep 30, 2002
Brandywine Explosives & Supply, Inc., Paris, KY	Dec 15, 2000	Jan 4, 2001	Sep 30, 2002
Buckley Powder Co. of Oklahoma, Inc. Mill Creek, OK	Nov 15, 2000	Nov 30, 2000	Sep 30, 2002
Buckley Powder Co. Englewood, CO	Nov 15, 2000	Nov 30, 2000	Sep 30, 2002
Cherokee Products, Inc. Jefferson City, TN	Nov 10, 2000	Nov 21, 2000	Sep 30, 2002
Controlled Explosives, Inc. (Conex) Derby, IN	Oct 16, 2000	Nov 3, 2000	Sep 30, 2002
Controlled Blasting, Inc., Norcross, GA	Oct 11, 2000	Oct 25, 2000	Sep 30, 2002
Dole Explosives, Inc. Rosemount, MN	Nov 7, 2000	Nov 21, 2000	Sep 30, 2002
Dyno Nobel, Inc. Salt Lake City, UT	Oct 2, 2000	Oct 13, 2000	Sep 30, 2002

Company Name City/State	Application Date	Issue Date	Expiration Date
Evenson Explosives, LLC (formerly: Evenson Explosives, Inc.) Morris, IL	Oct 24, 2000	Nov 3, 2000	Sep 30, 2002
Explosives Supply, Inc. Ringwood, NJ	Jan 2, 2001	Jan 19, 2001	Sep 30, 2002
Golden State Explosives, Plymouth, CA	Dec 8, 2000	Dec 21, 2000	Sep 30, 2002
Green Mountain Explosives, Inc. Auburn, NH	Nov 30, 2000	Dec 14, 2000	Sep 30, 2002
Hermitage Explosives Corporation Nashville, TN	Oct 2, 2000 & Nov 15, 2000	Nov 21, 2000	Sep 30, 2002
Hilltop Energy, Inc. Lisbon, OH	Oct 10, 2000	Nov 3, 2000	Sep 30, 2002
Hoover Construction Company Virginia MN	Dec 28, 2000	Jan 19, 2001	Sep 30, 2002
Intermountain West Energy, Inc. Boise, ID	Feb 9, 2001	Feb 12, 2001	Sep 30, 2002
John Joseph, Inc. Ringwood, NJ	Jan 2, 2001	Jan 19, 2001	Sep 30, 2002
Kesco, Inc. Butler, PA	Jan 9, 2001	Jan 19, 2001	Sep 30, 2002
Kintex, Inc., Madisonville, KY	Nov 28, 2000	Nov 30, 2000	Sep 30, 2002
Maurer & Scott Sales, Inc. Lehigh Valley, PA	Nov 15, 2000	Nov 30, 2000	Sep 30, 2002
Mine Equipment & Mill Supply Company Dawson Springs, KY	Oct 16, 2000	Nov 3, 2000	Sep 30, 2002
Minnesota Explosives Company Biwabik MN	Oct 16, 2000	Nov 3, 2000	Sep 30, 2002

Company Name City/State	Application Date	Issue Date	Expiration Date
Nelson Brothers, LLC Birmingham, AL	Dec 27, 2000	Jan 4, 2001	Sep 30, 2002
Nelson Brothers, Mining Services, LLC, Gillette, WY	Dec 27, 2000	Jan 4, 2001	Sep 30, 2002
Northwest Energetic Services, Chehalis, WA	Nov 28, 2000	Nov 30, 2000	Sep 30, 2002
Olson Explosives, Inc. Decorah, IA	Nov 14, 2000	Nov 30, 2000	Sep 30, 2002
Pepin-Ireco, Inc. Ishpeming, MI	Nov 1, 2000	Nov 21, 2000	Sep 30, 2002
Pioneer Supply Corporation Whately, MA	Dec 27, 2000	Jan 4, 2001	Sep 30, 2002
Quick Supply Company Des Moines, IA	Dec 20, 2000	Jan 4, 2001	Sep 30, 2002
R&R Trucking, Inc. Duenweg, MO	Dec 8, 2000	Dec 21, 2000	Sep 30, 2002
Sasol Southwest Energy, LLC Tucson, AZ (Former grantee: Southwest Energy, Inc.)	Sep 29, 2000	Oct 13, 2000	Sep 30, 2002
Slurry Explosives Corporation, Columbus, KS	Sep 26, 2000	Oct 13, 2000	Sep 30, 2002
St. Lawrence Explosives, Corp., Adams Center, NY	Nov 30, 2000	Dec 14, 2000	Sep 30, 2002
Tradestar Corporation West Jordan, UT	Jan 2, 2001	Jan 19, 2001	Sep 30, 2002
Transport Nordique Saint-jerome(Quebec), Canada (U.S. Agent: Barnes & Thornburg, Washington, DC)	Aug 22, 2001	SEP 21 2001	Sep 30, 2002
Tri-State Motor Transit Company Joplin, MO	Jan 5, 2001	Jan 19, 2001	Sep 30, 2002

Company Name City/State	Application Date	Issue Date	Expiration Date
VET's Explosives, Inc. Torrington, CT	Nov 27, 2000	Dec 8, 2000	Sep 30, 2002
Viking Explosives & Supply, Inc. Rosemount, MN	Dec 6, 2000	Dec 21, 2000	Sep 30, 2002
W. A. Murphy, Inc. El Monte, CA	Dec 29, 2000	Jan 19, 2001	Sep 30, 2002
Wampum Hardware Co. New Galilee, PA	Nov 15, 2000	Nov 30, 2000	Sep 30, 2002
Western Explosives Systems Company dba WESCO Salt Lake City, UT	Oct 2, 2000	Oct 13, 2000	Sep 30, 2002


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety